For our readers: From time to time, we will publish “Special TB Wires” in addition to our bi-weekly schedule. This “Special TB Wire” is devoted to the upcoming American Thoracic Society International Conference occurring from May 17–22nd in Philadelphia. It includes all the TB-related sessions and other sessions of special interest that will happen during the meeting and the Call for Abstracts for the TB Public Health Poster Session (deadline for submission is April 5th). This information is provided as a courtesy by STOP TB USA Partnership. The information was obtained from the ATS 2013 Advance Program, individual ATS members, and the ATS website. Please consult the final program for additional details regarding speakers “late breakers” and additional TB-related presentations and poster topics.

AMERICAN THORACIC SOCIETY 2013 INTERNATIONAL CONFERENCE

Preliminary Agenda for TB-Related Sessions & Other Sessions of Special Interest

Saturday, May 18, 2013

4:30 pm-5:30 pm. OPENING CEREMONY: The American Thoracic Society invites you to attend the Opening Ceremony as the official start of the 2013 International Conference. The Ceremony will showcase our host city, Philadelphia, and provide a keynote talk relevant to the science and practice of pulmonary, critical care and sleep medicine. The Ceremony will be followed by a social gathering with light refreshments where attendees can meet up with friends and colleagues.

Sunday, May 19, 2013

8:15 -10:45 am: A16: Mini-symposium: Tuberculosis and Host Defense: Specific presentation topics and speakers will be announced in the final program.

8:15 AM – 4:30 pm: A48: Thematic poster session. Tuberculosis in Vulnerable and Special Populations: 29 posters. Poster topics and presenters will be announced in the final program

12:00 – 1:00 pm: L5 TB SYSTEMS BIOLOGY: STUDYING MECHANISMS OF LATENCY AND
**REACTIVATION**: Chairing: H. Peavy, MD; S. Bennett, MD.

12:00: **Overview Of The TBSB Consortium On TB Latency And Reactivation**; S. Bennett, MD.

12:07: **A Multidisciplinary Approach To Understanding of TB Latency And Reactivation**; P.C. Karakousis, MD; D. Kaushal, PhD.

12:24: **Mapping And Modeling Host-Pathogen Interactions In TB Latency And Reactivation**; M. Gennaro, MD.

12:36: **Proteomics And MTB Latency**; W.H. Boom, MD.

12:48: **Spectrum Of Latency: Modeling In Vivo And In Silico**; P.L. Lin, MD, MSC.

12:00 – 1:00 pm. Meet the Professor Seminar. MP 403: **Pulmonary Non-Tuberculous Mycobacterial Infections: A Case-Based Approach**; A.E. O’Donnell, MD. (Registration Fee: $70.00 (includes box lunch.) Attendance is limited. Pre-registration is required and on a first-come, first-served basis.)

2:00 PM - 4:30 pm: **A81 NURSING YEAR IN REVIEW**: Moderators: D.M. Donesky, PhD, RN, C.L. French, RN, MS.: Includes one TB Presentation:
2:20: Lessons Learned From Tuberculosis; M.B. Kane, MSc.

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4:45-6:30 pm: AWARDS SESSION:

Amberson Lecture: The Amberson Lecturer is an individual with a career of major lifetime contributions to clinical or basic pulmonary research and/or clinical practice. The Lecture is given in honor of James Burns Amberson, an international authority on chest disease and tuberculosis. Lecturer: David A. Schwartz, MD, Aurora, CO.

Trudeau Medal: The Trudeau Medalist is an individual with lifelong major contributions to prevention, diagnosis and treatment of lung disease through leadership in research, education, or clinical care. This award was established in 1926 and is given in honor of Edward Livingston Trudeau, a founder and the first president of the American Lung Association. Awardee: Jonathan M. Samet, MD, MS, Los Angeles, CA.

Distinguished Achievement Award: The Distinguished Achievement Award is given to individuals who have made outstanding contributions to fighting respiratory disease through research, education, patient care, or advocacy. Awardees: Polly E. Parsons, MD, Burlington, VT, Alan L. Plummer, MD, Atlanta, GA.

World Lung Health Award: The World Lung Health Award is given to individuals with recognized contributions to world lung health in the area of basic or clinical research, delivery of healthcare, continuing education or care of patients with lung disease. Awardee: Ethel Jane Carter, MD, Providence, RI.

Outstanding Educator Award: The Outstanding Educator Award recognizes lifetime contributions in education and mentoring in the fields of pulmonary, critical care or sleep medicine. This award honors excellence in clinical or research education as it relates to pulmonary disease. Awardee: Leslie H. Zimmerman, MD, San Francisco, CA.

Jo Rae Wright Award for Outstanding Science: The Jo Rae Wright Award for Outstanding Science is based on demonstrated potential for significant scientific achievement and contributions. This award is aimed at the rising generation of individuals who will be tomorrow's leaders in science. Awardee: Peter Chen, MD, Seattle, WA.

Public Service Award: The Public Service Award is presented for contributions in the public health arena related to respiratory disease and medicine. Awardee: Kathleen Kreiss, MD, Morgantown, WV.

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7:00 – 9:00 pm: Poster Session: STRATEGIES FOR TB CONTROL; This session is sponsored by: the U.S. CENTERS FOR DISEASE CONTROL AND PREVENTION and Stop TB USA. Moderators: S.R.
Mase, MD, MPH; C. Ho, MD, MPH; and Sue Etkind, RN, MS. This annual two-hour public health poster forum has become the Public Health focal point for this conference. This poster forum will focus on innovative techniques, which are helping to meet the challenges of TB control, prevention and elimination in the United States. Specific topics include: targeted TB testing and treatment of latent TB infection; conducting/expanding contact investigations; performing outbreak investigations; improving treatment adherence; addressing multi-drug-resistant TB; dealing with TB related to HIV/AIDS, providing TB education; and building TB-related coalitions.

**Target Audience**: National, State and Local TB Program Staff, Public Health Professionals (nurses, physicians, epidemiologists), Pulmonary specialists, Infectious Disease specialists, TB and HIV Clinicians, Epidemiologists, TB consultants, laboratory scientists, and microbiologists.

**There is still time to submit a poster abstract for this session. The deadline is April 5, 2013**. For additional information and a copy of the electronic abstract submission form, contact Sundari Mase at fyy0@cdc.gov or Christine Ho at gtb9@cdc.gov. If there are any questions or if you have difficulty submitting electronically, please call Dr. Mase at (404) 639-5336.

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**Monday, May 20, 2013**

8:15AM – 10:45 am: B25: Morning Poster Discussion Session: **Tuberculosis: Infection and Immunity**.  All TB topics and speakers will be announced in the final program.

8:15AM – 4:30pm: **B59: Thematic Poster Session: Advances in Treating Tuberculosis**.  All TB poster topics and presenters will be announced in the final program.

8:15AM – 4:30pm: **B60: Thematic Poster Session: Tuberculosis And Latent Tuberculosis Infection Diagnostics**. Poster topics and presenters will be announced in the final program.

12:00 – 1:00 pm. L11: **UPDATE FROM CDC’S TB TRIALS CONSORTIUM (TBTC) And TB EPIDEMIOLOGIC STUDIES CONSORTIUM**; Chairing: D. Garrett, MD, MSc; M. E. Villarino, MD, MPH.

12:00: **Toxicity, Tolerability And Completion Of The New Rifapentine-Based Weekly Treatment For LTBI**; T.R. Sterling, MD.

12:15: **Evaluating QuantiFERON-TB Gold In-Tube And Tuberculin Skin Tests In Children Immigrating To The United States**; M. Howley, MSc.

12:30: **Determining The Optimal Dose Of Rifapentine For Treatment Of Tuberculosis**.
How High Is High?; S. Dorman, MD.

12:45: Putting The Pieces Together: Findings From The Tuberculosis Epidemiologic Studies Consortium-II Pilot; S. Chideya, MD.

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2:00 pm - 4:30 pm. B88: SCIENTIFIC SYMPOSIA: ADVANCES IN TUBERCULOSIS VACCINE DEVELOPMENT: The Role Of Pulmonary Immune Responses; Chairing: J. Rengarajan, PhD; R.F. Silver, MD.

2:00: Prospects For New Tuberculosis Vaccines In Our Time; J. Rengarajan, PhD.


Z. Xing, MD, PhD.

2:40: Mucosal Administration Of BCG In Humans; History And Current Trials; D.F. Hoft, MD, PhD.

3:00: Assessment Of Local Immunity To M. Tuberculosis Within The Human Lung;

R.F. Silver, MD.

3:20: TB Vaccination Via Nanoparticle Aerosols; M.K. Hondalus, DVM, PhD.

3:40: Challenges To TB Vaccine Approval; C.L. Karp, MD.

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2:00 pm - 4:30 pm. SCIENTIFIC SYMPOSIA B 87: THE AFFORTABLE CARE ACT: Implications For Clinical Practice And Research/Chairing: C.R. Cooke, MD, MSc; L.S. Douglas, MD; R.S. Wiener, MD.

2:00: A Patient’s Perspective On The Affordable Care Act; Speaker To Be Announced

2:10: What Does The Affordable Care Act Actually Do?; I.S. Douglas, MD.

2:30: Will Covering More People Remedy Disparities; In Access And Outcomes Of Care ?; C.R. Cooke, MD.


3:30: PRO: The Affordable Care Act Will Improve Care At A Reasonable Cost For Pulmonary And...
Critical Care Patients; S.D. Halpern, MD, PhD, MBE.

3:45: CON: The Affordable Care Act Will Improve Care At A Reasonable Cost For Pulmonary And Critical Care Patients; J.M. Kahn, MD, MSc.

4:00 General Discussion

4:10 Towards Implementing The Affordable Care Act: The Role Of ATS; N.S. Moore, MA. There will be a 5-minute discussion after each talk.

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5:00 – 7:00 pm: MICROBIOLOGY, TUBERCULOSIS AND PULMONARY INFECTIONS Assembly meeting: Chairing: D.M. Lewinsohn, MD, PhD.

The Assembly Membership Meeting provides an update on the Assembly’s activities via the Assembly’s Leadership and provides Assembly members the chance to have input on future directions, information on how to get involved and networking opportunities. Voting results for the Assembly’s future leaders will also be announced.

Tuesday, May 21, 2013

7:00AM - 8:00am. Sunrise Seminar: SS204 DIAGNOSIS AND MANAGEMENT OF MALIGNANT PLEURAL EFFUSIONS; M.A. Jantz, MD, Gainesville, FL (Registration Fee: $65.00 – includes continental breakfast. Attendance is limited. Pre-registration is required and on a first-come, first-served basis.)

8:15 - 10:45 am: C7 PROGRESS IN PEDIATRIC TUBERCULOSIS: A GLOBAL PERSPECTIVE; Chairing: C.M. Perez-Velez, MD; C.L. Lancioni, MD; M.B. Kane, MSc.,

8:15: Improving The Care Of Children With TB: Bridging The Implementation Gap Between Knowledge And Practice; J.R. Starke, MD.

8:33: Immune-Based Testing For TB Infection And Disease In Children: Strategies For Low- And High-Incidence Countries; S.C. Ranganathan, MBChB, PhD.

8:52: Bacteriological Confirmation Of Pulmonary TB In Children: Advances In Specimen Collection And Testing; H.J. Zar, MD, PhD.

9:17: New Recommendations For The Treatment Of Pan-Susceptible And Drug-Resistant Intrathoracic TB In Children; H.S. Schaaf, MBChB, MD.

9:42: TB/HIV-Co-Infection And TB Prevention Strategies In Children; M.F. Cotton, MBChB, PhD.
10:07; **Advances In TB Nursing And Infection Control In Children**: C.M. Murphy, MSN, NPC.

10:25 **Biomarkers For Tuberculosis Activity, Cure, And Relapse In Children**; D.A. Lewinsohn, MD.

There will be a 5-minute discussion after each talk.

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8:15AM-10:45am: **C16: Mini-Symposium: Non-Tuberculous Mycobacteria Disease: Bench and Bedside.**

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11:30 – 1:00pm: **ATS PLENARY SESSION:**

This Plenary Session features the ATS President’s Lecture, which was established to provide a unique perspective on medicine and science from the vantage point of distinguished scientists, physicians, and academicians. As their messages would not usually be heard in the scientific sessions of the International Conference, this special forum has been provided for the benefit of all Conference participants. Information on the current state of the Society and plans for the future of the Society will also be reported.

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12:00 – 1:00 pm. Meet the Professor Seminar. **MP 607: Tuberculosis And The TNF-Alpha Inhibitors**; L.N. Friedman, MD. (Registration Fee:$70.00 (includes box lunch.) Attendance is limited. Pre-registration is required and on a first-come, first-served basis.)

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2:00PM-4:00pm: **C106: Poster Discussion Session: Advances in Non-Tuberculous Mycobacterial Disease.** **All TB topics and speakers will be announced in the final program.**

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**Wednesday, May 22 2013**

7:00AM - 8:00am: **Sunrise Seminar SS312 TB Immunodiagnostics**; P. Escalante, MD, MSc. (Registration Fee:$65.00 – includes continental breakfast. Attendance is limited. Pre-registration is required and on a first-come, first-served basis.)

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8:15AM - 10:45am: **D24: Poster discussion Session: What’s New in Tuberculosis Diagnostics?** **All TB topics and speakers will be announced in the final program.**

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8:45-10:45 am: **D1 CLINICAL YEAR IN REVIEW 4**; Chairing: E.R. Sutherland, MD, MPH; H.R. Collard,
MD; R.D. Stapleton, MD.

8:45: **Sleep Medicine**; B.A. Phillips, MD, MPH.

9:15: **TB/NTM**; D.E. Griffith, MD.

9:45: **COPD**; M.T. Dransfield, MD.

10:15: **Pulmonary Vascular Disease**; S.M. Kawut, MD, MS.

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11:30 AM-1:00 pm. WORKSHOP: WS7: **CASE-BASED APPROACH TO DIAGNOSING AND TREATING PATIENTS WITH NON-TUBERCULOSIS MYCOBACTERIAL LUNG INFECTIONS**; Chairing: A.E. O’Donnell, MD; K.N. Olivier, MD, MPH; T. Marras, MD, MSc.

11:30: **NTM Case 1**: Does This Patient Require Treatment With NTM Antibiotics?; G. Tino, MD.

11:50: **NTM Case 2**: How Do I Treat My Patient With MAC Infection?; T.R. Aksamit, MD.

12:10: **NTM Case 3**: How Do I Treat My Patient With M. Abscessus/Chelonae Infection?; C.L. Daley, MD.

12:30: **NTM Case 4**: How Do I Treat My NTM Patient Co-Infected With Other Organisms?; A.E. O’Donnell, MD.

12:45: **New Treatment Options For NTM/Summary**; K.N. Olivier, MD, MPH.

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2:00-4:30 pm: D88 **BIOMARKER DISCOVERY FOR TUBERCULOSIS: MOVING FROM THE BENCH TO CLINICAL APPLICATIONS**; Chairing: J.J. Saukkonen, MD; A.. Cattamanchi, MD; P. Mancuso, PhD.

2:00: **Biomarker Identification Through MTB Genome Scanning**; G.K. Schoolnik, MD.

2:20: **Deriving New Biomarkers From TB Diagnostics**; K.U.J. Dheda, MD, PhD.

2:40: **Defining Immunologic Biomarkers From The Host Response To TB**; D.M. Lewinsohn, MD, PhD.

3:00: **Use Of Biomarkers To Identify People At High Risk For Developing TB**; W.H. Boom, MD.

3:20: **From Bench To Bedside: Promising Biomarkers Of Treatment Response**; P. Nahid, MD, MPH.

3:40: **Impact Of TB Biomarkers: Lessons From Modeling Studies**; D. Dowdy, MD, PhD.

4:00: **Panel Discussion - Questions And Answers**; J. Saukkonen, MD.
2:00PM - 4:00PM  D106: Poster Discussion Session; Pulmonary Infections And Tuberculosis Case Reports of Note. All TB topics and speakers will be announced in the final program.

POST GRADUATE COURSES AT ATS 2013 PHILADELPHIA

Friday, May 17, 2012 – Postgraduate Courses

(For Information see: http://conference.thoracic.org/2012/Programs/session-titles.php)

PG 3: CLINICAL APPLICATIONS OF NOVEL DIAGNOSTICS AND BIOMARKERS FOR MANAGEMENT OF RESPIRATORY AND CRITICAL ILLNESS: Chairing: K.A. Crothers, MD; A. Cattamanchi, MD; C.A. Hage, MD. (Pre-registration and additional fees required. Continental breakfast and box lunch are included. Attendance is limited. Member: $350 In Training Member: $200. NonMember: $425 In Training NonMember: $300; Target Audience: Healthcare providers, at all levels of training who are caring for patients with pulmonary infections, respiratory diseases and critical illness; researchers with an interest in clinical research and translational science, and the application and interpretation of biomarkers in respiratory and critical illness.

8:00: Welcome And Introduction; K.A. Crothers, MD.

8:10: The How To Of Identifying, Qualifying, And Validating A Biomarker, P.G. Woodruff, CAP.G. Woodruff, MD.

8:50: Biomarkers For Diagnosis, Risk Stratification, And Prediction: How To Interpret And Apply To My Patient: K.A. Crothers, MD.

9:20: Modern Diagnosis Of Community Acquired Bacterial And Viral Pneumonia: Beyond Conventional Microbiology Cultures; G.W. Waterer, MBBS, PhD.

10:00: Break

10:15: Prognostic And Therapeutic Applications Of Biomarkers To Tailor Management In Bacterial Pneumonia; N.C. Dean, MD.

10:55: Fungal Pneumonias In The Immunocompromised Host: Biomarkers To Optimize Diagnosis And Management; C.A. Hage.

11:35: Moving Beyond Smear And Culture: Rapid Diagnosis Of Tuberculosis And Identification Of Drug Resistance, A. Cattamanchi, MD.

12:05: LUNCH

1:05: LAM And Other Novel Biomarkers For Tuberculosis: What The Clinician Should Know;
K.U.J. Dheda, MD, PhD.

1:35: **Using Biomarkers To Shed Light On Pleural Effusions**; Y.C.G. Lee, MBChB, PhD.

2:15: **Chronic Obstructive Lung Disease: Can Biomarkers Discriminate Between Causes Of Acute Exacerbations And Pneumonia**; S. Sethi, MD.

2:45: Break

3:00: **Incorporating Biomarkers Into Sepsis Diagnosis And Management**; T.E. West, MD, MPH.

3:30: **Novel Biomarkers In ARDS**; C.S. Calfee, MD, MAS.

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**Saturday, May 18, 2013**

**PG14 PLEURAL DISORDERS:** Chairing: Y.C.G. Lee, PhD/ (Pre-registration and additional fees required. Continental breakfast and box lunch are included. Attendance is limited. Member: $350 In Training Member: $200 NonMember: $425 In Training NonMember: $300. Target Audience: Advanced practice nurses; cardio-thoracic surgeons; fellows-in-training; general medicine physician assistants; pulmonary physicians; registered nurses; respiratory Therapists.)

8:00: **Analysis Of Pleural Fluid**; C.L. Tobin, MD.

8:40: **Modern Imaging Of The Pleura**; F.V. Gleeson, MBBS.

9:20: **Tuberculosis And The Pleura**; R.W. Light, MD

10:00: **Break**

10:10: **Management Of Empyema**; N.M. Rahman, MSc, PhD.

10:50: **Management Of Pneumothorax**; M.H. Baumann, MD.

11:30 **LUNCH**

12:30: **Pleural Pearls: SLE And RA**; S.A. Sahn, MD.

1:10: **Mesothelioma**; Y.C.G. Lee, PhD.

1:50: **VATS, Thoracoscopy, And The Pulmonologist**; D.J. Feller-Kopman.

2:30: **Break**

2:40: **Management Of Malignant Pleural Effusions**; N.A. Maskell, MD.

3:20: **Pleural Disease In The Critically Ill**; D.R. Ouellette, MD.
REGISTRATION: ATS 2013 International Conference Registration can be done by internet, mail, fax or phone. For additional information regarding this conference (virtual advance program, hotels, etc.) and on line registration, please see the following website: http://conference.thoracic.org/2013/attendees/. There will also be on-site registration.

StopTBUSA was formerly known as the U.S. National Coalition for Elimination of Tuberculosis (NCET). Please pass this information on to your colleagues who are interested in TB elimination.

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